

CLAIMS

1. A textile label featuring
  - a textile base layer (2),
  - a transponder arrangement that is bonded to the textile base layer (2) by means of a first adhesive layer (3), and
  - a second adhesive layer (4),wherein the transponder arrangement features an antenna (6) and at least one electronic component that is sealed against environmental influences by means of the first and the second adhesive layer (3, 4).
2. The textile label according to claim 1, wherein the electronic component or one of the electronic components respectively consist of a chip (5).
3. The textile label according to one of the preceding claims, wherein the second adhesive layer (4) extends over the entire transponder arrangement in a plane fashion.
4. The textile label according to one of the preceding claims, wherein the first adhesive layer (3) consists of a polyester adhesive.
5. The textile label according to one of the preceding claims, wherein the second adhesive layer (4) consists of a hot-melt adhesive.
6. The textile label according to one of the preceding claims, wherein the antenna (6) consists at least predominantly of copper.

7. The textile label according to one of the preceding claims, wherein the base layer (2) features graphic and/or alphanumeric symbols.
8. The textile label according to one of the preceding claims, wherein an additional textile layer is bonded to the remainder of the label by means of the second adhesive layer (4).
9. The textile label according to claim 8, wherein the additional textile layer consists of an upper label (7).
10. The textile label according to claim 9, wherein the upper label (7) features graphic and/or alphanumeric symbols.
11. The textile label according to one of claims 9-10, wherein the upper label (7) protrudes over the base layer (2) on at least one side.
12. The textile label according to claim 11, wherein at least a portion of the region (8, 8a) of the upper label (7) that protrudes over the base layer (2) can be separated from the remainder of the label.
13. The textile label according to one of claims 11-12, wherein the region (8, 8a) of the upper label (7) that protrudes over the base layer (2) is sewn to a garment.
14. The textile label according to one of claims 11-13, wherein the region (8, 8a) of the upper label (7) that protrudes over the base layer (2) is bonded to a garment.

15. The textile label according to claim 8, wherein the additional textile layer consists of part of a garment.
16. A garment featuring a label according to one of claims 1-15.
17. A method for manufacturing a textile label comprising at least the following steps
  - applying a first adhesive layer (3) on a textile base layer (2),
  - attaching a transponder arrangement featuring an antenna (6) and at least one additional electronic component (5) to the first adhesive layer (3) and
  - applying a second adhesive layer (4) such that it covers and seals at least the additional electronic component (5).
18. The method according to claim 17, wherein the second adhesive layer (4) is applied such that it covers the entire transponder arrangement.
19. The method according to one of claims 17-18, wherein the attachment of the transponder arrangement consists of bonding on a metal foil section and subsequently etching the antenna (6) out of the metal foil section.
20. The method according to claim 19, wherein a metal foil section is used that predominantly consists of copper.
21. The method according to one of claims 17-20, wherein the first adhesive layer (3) is produced with polyester adhesive.

22. The method according to one of claims 17-21, wherein the second adhesive layer (4) is produced with hot-melt adhesive.
23. The method according to one of claims 17-22, wherein the bonding to an additional textile layer is realized with the aid of the second adhesive layer (4).
24. A method for labeling a garment, wherein a label according to one of claims 1-12 is bonded and/or sewn to a garment.